

WHAT IS CLAIMED IS:

1 Adv 1. An image display apparatus comprising:
2 one or more prism sheets provided between an image emitting
3 surface of an image generating part in said image display
4 apparatus and an image display surface of said image display
5 apparatus, divided so as to be respectively corresponded to
6 display elements that are minimum display units forming an image
7 and provided with a prism surface on an exit surface so that light
8 rays incident on an incident surface exit in an approximately
9 vertical direction of said incident surface.

1 2. The image display apparatus according to Claim 1,
2 wherein said image display apparatus is an organic
3 electroluminescence display and comprises a metal electrode layer,
4 an electron carrying layer formed on an upper surface of said metal
5 electrode layer, an emitting layer formed on an upper surface of
6 said electron carrying layer, a hole carrying layer formed on an
7 upper surface of said emitting layer, an Indium Tin Oxide film
8 formed on an upper surface of said hole carrying layer, a glass
9 substrate arranged on an upper surface of said Indium Tin Oxide
10 film and an circularly polarizing filter and an antireflection
11 film arranged on an upper surface of said glass substrate, and
12 wherein said prism sheet is provided between said Indium Tin Oxide
13 film and said antireflection film, is divided so as to be
14 respectively corresponded to display elements that are minimum
15 display units forming an image of said emitting layer and is
16 provided with a prism surface on an exit surface so that light
17 rays incident on an incident surface output in an approximately
18 vertical direction of said incident surface.

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1 3. The image display apparatus according to Claim 2,
2 wherein said prism sheet is provided between said glass substrate
3 and said circularly polarizing filter.

1 4. The image display apparatus according to Claim 1,
2 wherein said image display apparatus is a liquid crystal display
3 and comprises a lower substrate part including a first glass
4 substrate, a first polarizing filter formed under a lower surface
5 of said first glass substrate, and a first Indium Tin Oxide film
6 formed on an upper surface of said glass substrate and provided
7 with display elements that are minimum display units forming an
8 image in a matrix, a light-introducing plate arranged under a
9 lower surface of said lower substrate part, a light source
10 arranged adjacently to said light-introducing plate, an upper
11 substrate part including a second glass substrate, a color filter
12 divided so as to be respectively corresponded to said display
13 elements that are said minimum display units forming said image
14 and formed on said second glass substrate and a second Indium Tin
15 Oxide film that is a common electrode formed under a lower side
16 of said second glass substrate, liquid crystal elements arranged
17 between said lower substrate part and said upper substrate part,
18 a second polarizing filter provided on an upper surface of said
19 upper substrate part and antireflection film provided on said
20 second polarizing filter, and wherein said prism sheet is provided
21 between said upper substrate part and said antireflection film,
22 is divided so as to be respectively corresponded to said display
23 elements that are minimum display units forming an image and is
24 provided with a prism surface on an exit surface so that light
25 rays incident on an incident surface exit in an approximately
26 vertical direction of said incident surface.

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1 5. The image display apparatus according to Claim 4,
2 wherein said prism sheet is provided between said second
3 polarizing filter and said antireflection film.

1 6. The image display apparatus according to Claim 4,
2 wherein said prism sheet is provided between said upper substrate
3 sheet and said second polarizing filter.

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